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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/803,203	03/09/2001	John Raymond Klein	04873-080001 / 1017	8574

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WATTS HOFFMANN CO. L. P. A.
P.O. BOX 99839
CLEVELAND, OH 44199-0839

EXAMINER

PARTHASARATHY, PRAMILA

ART UNIT

PAPER NUMBER

2136

DATE MAILED: 07/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/803,203

Applicant(s)

KLEIN, JOHN RAYMOND

Examiner

Pramila Parthasarathy

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

DETAILED ACTION

1. This action is in response to the application filed on March 09, 2001. Claims 1 – 21 were received for consideration. No preliminary amendments to the claims were filed. Claims 1 – 21 are currently being considered.

Claim Objections

2. Claim 18 is objected to because of the following informalities: Replace “comprising he steps” with “comprising the steps”.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1 – 17 and 19 – 21 are rejected under 35 U.S.C. 102(e) as being anticipated by Balogh (Publication Number US 2001/0023446 A1).

Regarding Claim 1, Balogh teaches and describes a software-implemented method of configuring a computer to associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]), comprising:

creating a computer profile corresponding to a network having an Extended Service Set identifier, wherein the profile includes the identifier (Fig. 2 and Page 2 paragraph [0018] – Page 3 paragraph [0025]);

using the computer profile to cause the computer to recognize the network (Fig. 4 and Page 4 paragraph [0034 – 0038]); and

creating a communication link between the computer and the network (Fig. 4 & 5 and Page 4 paragraph [0037 – 0040]).

Regarding Claim 11, Balogh teaches and describes a method of creating profiles for configuring a computer to connect to a wireless network using a graphical user interface (GU1) (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 5 paragraph [0043]), comprising:

prompting the user to enter profile information associated with multiple networks within a wireless network (Page 2 paragraph [0018] – Page 3 paragraph [0025] and Page 5 paragraph [0042]);

entering the profile information (Page 2 paragraph [0018] – Page 3 paragraph [0025] and Page 5 paragraph [0042]);

storing the profile information for later retrieval (Page 2 paragraph [0018] – Page 3 paragraph [0025] and Page 5 paragraph [0042 - 0043]); and
configuring the computer to connect to a particular network based on a particular profile (Fig. 4 & 5 and Page 4 paragraph [0037 – 0040]).

Regarding Claim 14, Balogh teaches and describes a method for enabling a mobile processor to connect to a plurality of networks (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]), comprising:

storing data representative of each network (Page 2 paragraph [0018] – Page 3 paragraph [0025] and Page 5 paragraph [0042 - 0043]);

acquiring signals from each network which indicates the proximity of the proximity (Fig. 4 and Page 4 paragraph [0034 – 0038]); and

enabling a user to select a particular network from a plurality of networks (Fig. 4 & 5 and Page 4 paragraph [0037 – 0040]).

Regarding Claim 15, Balogh teaches and describes an article comprising a computer-readable medium that stores computer-executable instructions for configuring a computer with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 5 paragraph [0043]), the instructions causing a computer to:

create a profile using a corresponding to a network having an Extended Service Set identifier, wherein the profile includes the identifier, wherein the profile is created

using a graphical user interface (Fig. 2; Page 2 paragraph [0018] – Page 3 paragraph [0025] and Page 5 paragraph [0042]);

use the computer profile to cause the adapter to recognize the network (Fig. 4 and Page 4 paragraph [0034 – 0038]); and

create a communication link between the connector and the network (Fig. 4 & 5 and Page 4 paragraph [0037 – 0040]).

Regarding Claim 16, Balogh teaches and describes a wireless network adapter (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 5 paragraph [0043]), comprising:

an input device for receiving data (Fig. 3 and Page 5 paragraph [0043]);

a display device for allowing a user to examine the received data (Fig. 1 & 5 and Page 5 paragraph [0043]);

a processor programmed to link the adapter with any number of wireless networks (Fig. 3 & 5 and Page 3 paragraph [0031] – Page 5 paragraph [0043]); and

a memory containing a process that associates the adapter to one or more unique networks (Fig. 3 & 5 and Page 3 paragraph [0031] – Page 5 paragraph [0043]).

Regarding Claim 19, Balogh teaches and describes a configured wireless network, including a plurality of mobile or stationary access points and optionally at least one host computer connected to said access points, and a plurality of remote mobile wireless units, at least some of the units being capable of communicating with at least one of the access points when located within a predetermined range therefrom and

being normally associated with and in communication with a single one of such access points, each mobile unit having a unique user address (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 5 paragraph [0043]), comprising:

- a computer associated with a network using a software implementation (Fig. 1, 3, & 5; Page 1 paragraph [0002]; Page 2 paragraph [0020] and Page 5 paragraph [0043]);

- a computer profile stored to correspond to the network association (Page 2 paragraph [0018] – Page 3 paragraph [0025] and Page 5 paragraph [0042 - 0043]); and

- a computer profile used to connect to the network (Fig. 4 & 5 and Page 4 paragraph [0034 – 0040]).

Claim 2 is rejected as applied above in rejecting claim 1. Furthermore, Balogh teaches and describes a software-implemented method of configuring a computer to associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]), further comprising:

- using variable network parameters such as encryption key status, frequency, and power requirements to create the computer profile (Page 2 paragraph [0022] and Page 3 paragraph [0027 – 0029]).

Claim 3 is rejected as applied above in rejecting claim 1. Furthermore, Balogh teaches and describes a software-implemented method of configuring a computer to associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]), wherein the software is integrated into

the operating system of the computer (Fig. 3 & 5; Page 3 paragraph [0031 – 0032) and Page 5 paragraph [0042 – 0043]).

Claim 4 is rejected as applied above in rejecting claim 1. Furthermore, Balogh teaches and describes a software-implemented method of configuring a computer to associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]),

Claim 5 is rejected as applied above in rejecting claim 1. Furthermore, Balogh teaches and describes a software-implemented method of configuring a computer to associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]), further comprising encrypting the data passing over the communication link between the computer and the network (Fig. 4 ; Page 2 paragraph [0019 – 0020] and Page 4 paragraph [0040 – 0041]).

Claim 7 is rejected as applied above in rejecting claim 1. Furthermore, Balogh teaches and describes a software-implemented method of configuring a computer to associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]).

Claim 10 is rejected as applied above in rejecting claim 1. Furthermore, Balogh teaches and describes a software-implemented method of configuring a computer to

associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]), further comprising storing the name of a selected profile for use by other programs (Page 5 paragraph [0042 – 0044]).

Claim 12 is rejected as applied above in rejecting claim 11. Furthermore, Balogh teaches and describes a method of creating profiles for configuring a computer to connect to a wireless network using a graphical user interface (GU1) (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 5 paragraph [0043]), wherein the profile includes an Extended Service Set Identifier corresponding to a particular network [Page 3 paragraph 0025]).

Claim 13 is rejected as applied above in rejecting claim 11. Furthermore, Balogh teaches and describes a method of creating profiles for configuring a computer to connect to a wireless network using a graphical user interface (GU1) (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 5 paragraph [0043]), further comprising:

providing the user with multiple graphical user interface (GUI) style screens, wherein the screens allow the user to enter variable network parameters such as encryption key status, frequency, and power requirements (Page 2 paragraph [0019] and [0023]).

Claim 17 is rejected as applied above in rejecting claim 16. Furthermore, Balogh teaches and describes further comprising supporting software integrated into the

computer operating system (Fig. 3 & 5; Page 3 paragraph [0031 – 0032) and Page 5 paragraph [0042 – 0043]).

Claim 20 is rejected as applied above in rejecting claim 19. Furthermore, Balogh teaches and describes a wireless network adapter (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 5 paragraph [0043]), further comprising supporting software integrated into the computer operating system (Fig. 3 & 5; Page 3 paragraph [0031 – 0032) and Page 5 paragraph [0042 – 0043]).

Claim 21 is rejected as applied above in rejecting claim 19. Furthermore, Balogh teaches and describes a wireless network adapter (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 5 paragraph [0043]), further comprising peripherals that create the association between the network and the computer (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]).

Claim 6 is rejected as applied above in rejecting claim 5. Furthermore, Balogh teaches and describes a software-implemented method of configuring a computer to associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]), further comprising creating additional profiles, each of the profiles corresponding to one of the multiple unrelated networks (Page 2 paragraph [0020 – 0021] and Page 5 paragraph [0040]).

Claim 8 is rejected as applied above in rejecting claim 7. Furthermore, Balogh teaches and describes a software-implemented method of configuring a computer to associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]), further comprising creating additional profiles, each of the profiles corresponding to one of the multiple unrelated networks (Page 2 paragraph [0020 – 0021] and Page 5 paragraph [0040]).

Claim 9 is rejected as applied above in rejecting claim 7. Furthermore, Balogh teaches and describes a software-implemented method of configuring a computer to associate with a network through a wireless communication link (Fig. 1 – 5 and Page 1 paragraph [0005] – Page 3 paragraph [0025]), utilizing the counter value to prioritize subsequent associations of computer profiles and wireless networks (Page 4 paragraph [0034 – 0036]).

4. Claim 18 is rejected under 35 U.S.C. 102(e) as being anticipated by Slovin (Patent Number 6,144,855).

Regarding Claim 18, Slovin teaches and describes a configurable access point for allowing a user to match the quality of service provided over a channel in a wireless local area network with the quality of service provided over the packetized wired network connected to the wireless local area network (WLAN) at the access point so as

to substantially achieve a uniform quality of service from source to destination node

(Fig. 1 – 6 and Column 1 line 37 – Column 12 line 67), comprising the steps of

specifying the WLAN quality of service parameter at the access point associated with the wireless channel connected to the source/mobile unit (Fig. 1 Column 5 lines 6 – Column 6 line 52);

adjusting medium access control (MAC) and physical (PHY) level operation parameters at the access point and at the mobile unit so that the specified quality of service over the wireless link is enabled (Column 10 line 54 – Column 12 line 67);

determining the quality of service levels available over the wired communications link and the wireless link, if applicable, at the destination (Column 5 line 6 – Column 15 line 33);

specifying the end-to-end quality of service levels based upon the available levels over the links (Column 5 line 6 – column 15 line 33); and

transmitting a message from source to destination with the specified quality of service at each link (Column 5 line 6 – Column 15 line 33).

Conclusion

5. Any response to this action should be mailed to:

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Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal
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Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Pramila Parthasarathy whose telephone number is 703-
305-8912. The examiner can normally be reached on 8:00a.m. To 5:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Ayaz Sheikh can be reached on 703-305-9648. The fax phone number for
the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or
proceeding should be directed to the receptionist whose telephone number is 703-305-
3900.

Pramila Parthasarathy
Patent Examiner
703-305-8912
July 09, 2004


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100